

Title (en)

WING RAILS OF A FROG AND METHOD FOR PRODUCING A FROG

Title (de)

FLÜGELSCHIENE EINES HERZSTÜCKS SOWIE VERFAHREN ZUM HERSTELLEN EINES HERZSTÜCKS

Title (fr)

RAIL À AILERONS D'UN COEUR DE CROISEMENT AINSI QUE PROCÉDÉ DE FABRICATION D'UN COEUR DE CROISEMENT.

Publication

EP 3312341 B1 20190925 (DE)

Application

EP 17196576 A 20171016

Priority

DE 102016120200 A 20161024

Abstract (en)

[origin: CN107974877A] The invention relates to a wing rail (14, 16) of a frog (10) comprising a core block (12) with rigid frog point (18), which is connected by spacer elements with the wing rails, and wherein in the region of the frog tip a wheel passing region (R) between the heart block and the wing rails runs. The wing rails (14, 16) respectively have a section extending over at least the length of the wheel passing region (R) and at least one end section connected to the section (22, 24) on the soft start side and/or soft end side. The section is made of a forged block with integrally machined spacers.

IPC 8 full level

E01B 7/12 (2006.01)

CPC (source: BR CN EP)

B23P 15/00 (2013.01 - CN); **B23P 15/20** (2013.01 - CN); **E01B 7/00** (2013.01 - CN); **E01B 7/12** (2013.01 - BR EP); **E01B 7/10** (2013.01 - BR)

Cited by

WO2022189107A1; EP3722502A1; WO2022199588A1; TWI836365B; DE102021106050A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 3312341 A1 20180425; **EP 3312341 B1 20190925**; BR 102017022762 A2 20180529; BR 102017022762 B1 20230131;
CN 107974877 A 20180501; CN 107974877 B 20211015; DE 102016120200 A1 20180426; DK 3312341 T3 20200113;
TW 201819719 A 20180601; TW I757352 B 20220311

DOCDB simple family (application)

EP 17196576 A 20171016; BR 102017022762 A 20171023; CN 201710991605 A 20171023; DE 102016120200 A 20161024;
DK 17196576 T 20171016; TW 106134920 A 20171012